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Welcome to STN International! Enter x:x

LOGINID:SSPTAJDA1614

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

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of Author Abstracts
NEWS 6 FEB 16 New FASTA Display Formats Added to USGENE and PCTGEN
NEWS 7 FEB 16 INPADOCDB and INPAFAMDB Enriched with New Content
and Features
NEWS 8 FEB 16 INSPEC Adding Its Own IPC codes and Author's E-mail
Addresses
NEWS 9 APR 02 CAS Registry Number Crossover Limits Increased to
500,000 in Key STN Databases
NEWS 10 APR 02 PATDPAFULL: Application and priority number formats
enhanced
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NEWS 12 APR 02 New Thesaurus Added to Derwent Databases for Smooth
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NEWS 13 APR 02 EMBASE Adds Unique Records from MEDLINE, Expanding
Coverage back to 1948
NEWS 14 APR 07 CA/CAPLUS CLASS Display Streamlined with Removal of
Pre-IPC 8 Data Fields
NEWS 15 APR 07 50,000 World Traditional Medicine (WTM) Patents Now
Available in CAPLUS
NEWS 16 APR 07 MEDLINE Coverage Is Extended Back to 1947
NEWS 17 JUN 16 WPI First View (File WPIFV) will no longer be
available after July 30, 2010
NEWS 18 JUN 18 DWPI: New coverage - French Granted Patents
NEWS 19 JUN 18 CAS and FIZ Karlsruhe announce plans for a new
STN platform
NEWS 20 JUN 18 IPC codes have been added to the INSPEC backfile
(1969-2009)
NEWS 21 JUN 21 Removal of Pre-IPC 8 data fields streamline displays
in CA/CAPLUS, CASREACT, and MARPAT
NEWS 22 JUN 21 Access an additional 1.8 million records exclusively
enhanced with 1.9 million CAS Registry Numbers --
EMBASE Classic on STN
NEWS 23 JUN 28 Introducing "CAS Chemistry Research Report": 40 Years
of Biofuel Research Reveal China Now Atop U.S. in
Patenting and Commercialization of Bioethanol

NEWS EXPRESS FEBRUARY 15 10 CURRENT WINDOWS VERSION IS V8.4.2,
AND CURRENT DISCOVER FILE IS DATED 15 JANUARY 2010.

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Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:01:44 ON 28 JUN 2010

=> file registry
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.22	0.22

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 15:01:57 ON 28 JUN 2010
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2010 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 27 JUN 2010 HIGHEST RN 1228427-89-1
DICTIONARY FILE UPDATES: 27 JUN 2010 HIGHEST RN 1228427-89-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

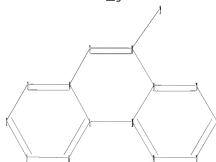
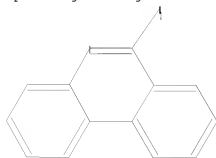
TSCA INFORMATION NOW CURRENT THROUGH January 8, 2010.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10531594_genus1.str



```

chain nodes :
15
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14
chain bonds :
8-15
ring bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10 9-11 10-14 11-12 12-13
13-14
exact/norm bonds :
8-15
normalized bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10 9-11 10-14 11-12 12-13
13-14

```

```

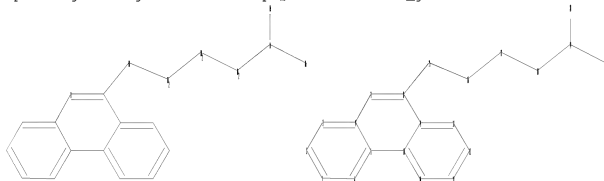
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS

```

L1 STRUCTURE UPLOADED

=>

Uploading C:\Program Files\Stnexp\Queries\10531594_genus2.str



```

chain nodes :
15 16 17 18 19 20 21
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14
chain bonds :
8-15 15-16 16-17 17-18 18-19 19-20 19-21
ring bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10 9-11 10-14 11-12 12-13
13-14
exact/norm bonds :
8-15
exact bonds :
15-16 16-17 17-18 18-19 19-20 19-21
normalized bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10 9-11 10-14 11-12 12-13
13-14

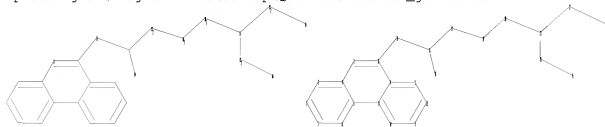
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Match level :
 1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
 11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS 18:CLASS
 19:CLASS 20:CLASS 21:CLASS

L2 STRUCTURE UPLOADED

=>

Uploading C:\Program Files\Stnexp\Queries\10531594_genus3.str



chain nodes :
 15 16 17 18 19 20 21 22 23 24 25
 ring nodes :
 1 2 3 4 5 6 7 8 9 10 11 12 13 14
 chain bonds :
 8-15 15-16 16-17 16-18 17-19 19-20 20-21 21-22 21-24 22-23 24-25
 ring bonds :
 1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10 9-11 10-14 11-12 12-13
 13-14
 exact/norm bonds :
 8-15 15-16
 exact bonds :
 16-17 16-18 17-19 19-20 20-21 21-22 21-24 22-23 24-25
 normalized bonds :
 1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10 9-11 10-14 11-12 12-13
 13-14

Match level :
 1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
 11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS 18:CLASS
 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS

L3 STRUCTURE UPLOADED

=> s ll sss

SAMPLE SEARCH INITIATED 15:02:59 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 320 TO ITERATE

100.0% PROCESSED 320 ITERATIONS 3 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 5327 TO 7473
PROJECTED ANSWERS: 3 TO 163

L4 3 SEA SSS SAM L1

=> s 12 sss
SAMPLE SEARCH INITIATED 15:03:06 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 5 TO ITERATE

100.0% PROCESSED 5 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 5 TO 234
PROJECTED ANSWERS: 0 TO 0

L5 0 SEA SSS SAM L2

=> s 13 sss
SAMPLE SEARCH INITIATED 15:03:12 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 3 TO ITERATE

100.0% PROCESSED 3 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 3 TO 163
PROJECTED ANSWERS: 0 TO 0

L6 0 SEA SSS SAM L3

=> s 13 full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 191.05 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 15:03:19 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 42 TO ITERATE

100.0% PROCESSED 42 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L7 0 SEA SSS FUL L3

=> s 16 full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 191.05 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:n
SEARCH ENDED BY USER

=> s 12 full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 191.05 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 15:03:53 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 113 TO ITERATE

100.0% PROCESSED 113 ITERATIONS 14 ANSWERS
SEARCH TIME: 00.00.01

L8 14 SEA SSS FUL L2

=> d his

(FILE 'HOME' ENTERED AT 15:01:44 ON 28 JUN 2010)

FILE 'REGISTRY' ENTERED AT 15:01:57 ON 28 JUN 2010

L1 STRUCTURE UPLOADED
L2 STRUCTURE UPLOADED
L3 STRUCTURE UPLOADED
L4 3 S L1 SSS
L5 0 S L2 SSS
L6 0 S L3 SSS
L7 0 S L3 FULL
L8 14 S L2 FULL

=> d 14 1-3

L4 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2010 ACS on STN

RN 850788-00-0 REGISTRY

ED Entered STN: 20 May 2005

CN Benzo[c]phenanthridin-6-amine, 11-(4-fluorophenyl)-, perchlorate (1:1)
(CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzo[c]phenanthridin-6-amine, 11-(4-fluorophenyl)-, monoperchlorate (9CI)

MF C23 H15 F N2 . Cl H O4

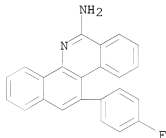
SR CA

LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER

CM 1

CRN 850787-99-4

CMF C23 H15 F N2



CM 2

CRN 7601-90-3

CMF Cl H O4



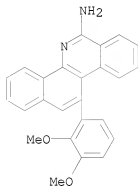
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2010 ACS on STN
RN 850787-86-9 REGISTRY
ED Entered STN: 20 May 2005
CN Benzo[c]phenanthridin-6-amine, 11-(2,3-dimethoxyphenyl)-, perchlorate
(1:1) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Benzo[c]phenanthridin-6-amine, 11-(2,3-dimethoxyphenyl)-, monoperchlorate
(9CI)
MF C25 H20 N2 O2 . Cl H O4
SR CA
LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER

CM 1

CRN 850787-85-8
CMF C25 H20 N2 O2



CM 2

CRN 7601-90-3
CMF C1 H O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2010 ACS on STN
RN 420834-60-2 REGISTRY
ED Entered STN: 23 May 2002

CN Benzo[c]phenanthridin-6-amine, 11-(3,4,5-trimethoxyphenyl)-, perchlorate (1:1) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzo[c]phenanthridin-6-amine, 11-(3,4,5-trimethoxyphenyl)-, monoperchlorate (9CI)

MF C26 H22 N2 O3 . Cl H O4

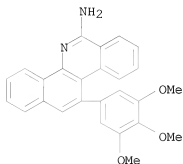
SR CA

LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER, USPAT2, USPATFULL

CM 1

CRN 420834-59-9

CMF C26 H22 N2 O3



CM 2

CRN 7601-90-3

CMF C1 H O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 11 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 191.05 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

FULL SEARCH INITIATED 15:04:20 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 6668 TO ITERATE

100.0% PROCESSED 6668 ITERATIONS

128 ANSWERS

SEARCH TIME: 00.00.01

L9 128 SEA SSS FUL L1

=> d his

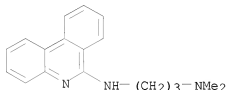
(FILE 'HOME' ENTERED AT 15:01:44 ON 28 JUN 2010)

FILE 'REGISTRY' ENTERED AT 15:01:57 ON 28 JUN 2010

L1 STRUCTURE UPLOADED
L2 STRUCTURE UPLOADED
L3 STRUCTURE UPLOADED
L4 3 S L1 SSS
L5 0 S L2 SSS
L6 0 S L3 SSS
L7 0 S L3 FULL
L8 14 S L2 FULL
L9 128 S L1 FULL

=> d 18 1-14

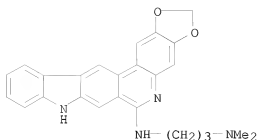
L8 ANSWER 1 OF 14 REGISTRY COPYRIGHT 2010 ACS on STN
RN 313830-96-5 REGISTRY
ED Entered STN: 12 Jan 2001
CN 1,3-Propanediamine, N1,N1-dimethyl-N3-6-phenanthridinyl- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1,3-Propanediamine, N,N-dimethyl-N'-6-phenanthridinyl- (9CI)
MF C18 H21 N3
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

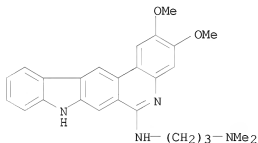
L8 ANSWER 2 OF 14 REGISTRY COPYRIGHT 2010 ACS on STN
RN 164261-74-9 REGISTRY
ED Entered STN: 30 Jun 1995
CN 1,3-Propanediamine, N3-8H-1,3-dioxolo[4,5-b]indolo[2,3-j]phenanthridin-6-yl-N1,N1-dimethyl- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1,3-Propanediamine, N'-8H-1,3-dioxolo[4,5-b]indolo[2,3-j]phenanthridin-6-yl-N,N-dimethyl- (9CI)
MF C25 H24 N4 O2
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

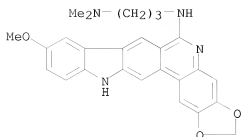
L8 ANSWER 3 OF 14 REGISTRY COPYRIGHT 2010 ACS on STN
RN 164261-73-8 REGISTRY
ED Entered STN: 30 Jun 1995
CN 1,3-Propanediamine, N3-(2,3-dimethoxy-8H-indolo[2,3-j]phenanthridin-6-yl)-
N1,N1-dimethyl- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1,3-Propanediamine, N'-(2,3-dimethoxy-8H-indolo[2,3-j]phenanthridin-6-yl)-
N,N-dimethyl- (9CI)
MF C26 H28 N4 O2
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

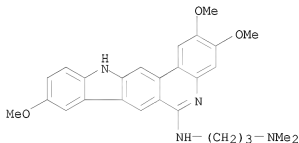
L8 ANSWER 4 OF 14 REGISTRY COPYRIGHT 2010 ACS on STN
RN 164261-72-7 REGISTRY
ED Entered STN: 30 Jun 1995
CN 1,3-Propanediamine, N3-(9-methoxy-12H-1,3-dioxolo[4,5-b]indolo[3,2-
j]phenanthridin-6-yl)-N1,N1-dimethyl- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1,3-Propanediamine, N'-(9-methoxy-12H-1,3-dioxolo[4,5-b]indolo[3,2-
j]phenanthridin-6-yl)-N,N-dimethyl- (9CI)
MF C26 H26 N4 O3
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

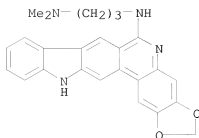
L8 ANSWER 5 OF 14 REGISTRY COPYRIGHT 2010 ACS on STN
RN 164261-71-6 REGISTRY
ED Entered STN: 30 Jun 1995
CN 1,3-Propanediamine, N1,N1-dimethyl-N3-(2,3,9-trimethoxy-12H-indolo[3,2-j]phenanthridin-6-yl)- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1,3-Propanediamine, N,N-dimethyl-N'-(2,3,9-trimethoxy-12H-indolo[3,2-j]phenanthridin-6-yl)- (9CI)
MF C27 H30 N4 O3
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

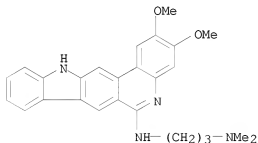
L8 ANSWER 6 OF 14 REGISTRY COPYRIGHT 2010 ACS on STN
RN 164261-70-5 REGISTRY
ED Entered STN: 30 Jun 1995
CN 1,3-Propanediamine, N3-12H-1,3-dioxolo[4,5-b]indolo[3,2-j]phenanthridin-6-yl-N1,N1-dimethyl- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1,3-Propanediamine, N'-12H-1,3-dioxolo[4,5-b]indolo[3,2-j]phenanthridin-6-yl-N,N-dimethyl- (9CI)
MF C25 H24 N4 O2
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

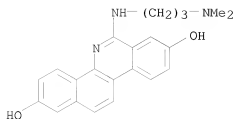
L8 ANSWER 7 OF 14 REGISTRY COPYRIGHT 2010 ACS on STN
RN 164261-69-2 REGISTRY
ED Entered STN: 30 Jun 1995
CN 1,3-Propanediamine, N3-(2,3-dimethoxy-12H-indolo[3,2-j]phenanthridin-6-yl)-
N1,N1-dimethyl- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1,3-Propanediamine, N'-(2,3-dimethoxy-5,12-dihydro-12H-indolo[3,2-
j]phenanthridin-6-yl)-N,N-dimethyl- (9CI)
MF C26 H28 N4 O2
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

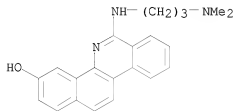
L8 ANSWER 8 OF 14 REGISTRY COPYRIGHT 2010 ACS on STN
RN 154283-37-1 REGISTRY
ED Entered STN: 12 Apr 1994
CN Benzo[c]phenanthridine-2,8-diol, 6-[[3-(dimethylamino)propyl]amino]- (CA
INDEX NAME)
MF C22 H23 N3 O2
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

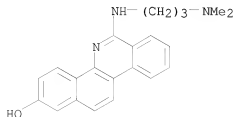
L8 ANSWER 9 OF 14 REGISTRY COPYRIGHT 2010 ACS on STN
RN 154283-36-0 REGISTRY
ED Entered STN: 12 Apr 1994
CN Benzo[c]phenanthridin-3-ol, 6-[[3-(dimethylamino)propyl]amino]- (CA INDEX NAME)
MF C22 H23 N3 O
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 10 OF 14 REGISTRY COPYRIGHT 2010 ACS on STN
RN 154283-35-9 REGISTRY
ED Entered STN: 12 Apr 1994
CN Benzo[c]phenanthridin-2-ol, 6-[[3-(dimethylamino)propyl]amino]- (CA INDEX NAME)
MF C22 H23 N3 O
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 11 OF 14 REGISTRY COPYRIGHT 2010 ACS on STN

RN 154283-34-8 REGISTRY

ED Entered STN: 12 Apr 1994

CN 1,3-Propanediamine, N3-(2-methoxybenzo[c]phenanthridin-6-yl)-N1,N1-dimethyl- (CA INDEX NAME)

OTHER CA INDEX NAMES:

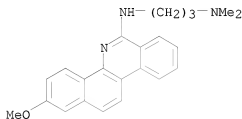
CN 1,3-Propanediamine, N'-(2-methoxybenzo[c]phenanthridin-6-yl)-N,N-dimethyl- (9CI)

CN Benzo[c]phenanthridine, 1,3-propanediamine deriv.

MF C23 H25 N3 O

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 12 OF 14 REGISTRY COPYRIGHT 2010 ACS on STN

RN 154283-33-7 REGISTRY

ED Entered STN: 12 Apr 1994

CN 1,3-Propanediamine, N3-(3-methoxybenzo[c]phenanthridin-6-yl)-N1,N1-dimethyl- (CA INDEX NAME)

OTHER CA INDEX NAMES:

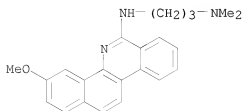
CN 1,3-Propanediamine, N'-(3-methoxybenzo[c]phenanthridin-6-yl)-N,N-dimethyl- (9CI)

CN Benzo[c]phenanthridine, 1,3-propanediamine deriv.

MF C23 H25 N3 O

SR CA

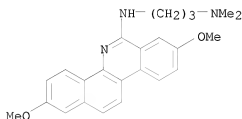
LC STN Files: CA, CAPLUS, TOXCENTER



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

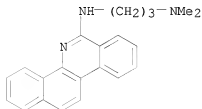
L8 ANSWER 13 OF 14 REGISTRY COPYRIGHT 2010 ACS on STN
RN 154283-32-6 REGISTRY
ED Entered STN: 12 Apr 1994
CN 1,3-Propanediamine, N3-(2,8-dimethoxybenzo[c]phenanthridin-6-yl)-N1,N1-dimethyl- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1,3-Propanediamine, N'-(2,8-dimethoxybenzo[c]phenanthridin-6-yl)-N,N-dimethyl- (9CI)
CN Benzo[c]phenanthridine, 1,3-propanediamine deriv.
MF C24 H27 N3 O2
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 14 OF 14 REGISTRY COPYRIGHT 2010 ACS on STN
RN 154283-31-5 REGISTRY
ED Entered STN: 12 Apr 1994
CN 1,3-Propanediamine, N3-benzo[c]phenanthridin-6-yl-N1,N1-dimethyl- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1,3-Propanediamine, N'-benzo[c]phenanthridin-6-yl-N,N-dimethyl- (9CI)
CN Benzo[c]phenanthridine, 1,3-propanediamine deriv.
MF C22 H23 N3
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d his

(FILE 'HOME' ENTERED AT 15:01:44 ON 28 JUN 2010)

FILE 'REGISTRY' ENTERED AT 15:01:57 ON 28 JUN 2010

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L1      STRUCTURE UPLOADED
L2      STRUCTURE UPLOADED
L3      STRUCTURE UPLOADED
L4      3 S L1 SSS
L5      0 S L2 SSS
L6      0 S L3 SSS
L7      0 S L3 FULL
L8      14 S L2 FULL
L9      128 S L1 FULL
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=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

611.79

612.01

FILE 'CAPLUS' ENTERED AT 15:05:36 ON 28 JUN 2010

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FILE COVERS 1907 - 28 Jun 2010 VOL 153 ISS 1

FILE LAST UPDATED: 27 Jun 2010 (20100627/ED)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2010

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2010

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2010.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 313830-96-5/rn

1 313830-96-5

0 313830-96-5D

L10 1 313830-96-5/RN

(313830-96-5 (NOTL) 313830-96-5D)

=> d l10

L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2010 ACS on STN
 AN 2000:900623 CAPLUS
 DN 134:56585
 TI Antagonism of immunostimulatory CpG-oligonucleotides by 4-aminoquinolines
 and other weak bases
 IN MacFarlane, Donald E.; Strekowski, Lucjan; Manzel, Lori; Ismail, Fyaz;
 Barlin, Gordon B.
 PA University of Iowa Research Foundation, USA
 SO PCT Int. Appl., 138 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000076982	A1	20001221	WO 2000-US16723	20000616
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2412345	A1	20001221	CA 2000-2412345	20000616
US 6479504	B1	20021112	US 2000-595875	20000616
EP 1377554	A1	20040107	EP 2000-946819	20000616
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
PRAI US 1999-139544P	P	19990616		
WO 2000-US16723	W	20000616		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 OS MARPAT 134:56585
 OSC.G 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)
 RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 15:01:44 ON 28 JUN 2010)

FILE 'REGISTRY' ENTERED AT 15:01:57 ON 28 JUN 2010

L1 STRUCTURE UPLOADED
 L2 STRUCTURE UPLOADED
 L3 STRUCTURE UPLOADED
 L4 3 S L1 SSS
 L5 0 S L2 SSS
 L6 0 S L3 SSS
 L7 0 S L3 FULL
 L8 14 S L2 FULL
 L9 128 S L1 FULL

FILE 'CAPLUS' ENTERED AT 15:05:36 ON 28 JUN 2010

L10 1 S 313830-96-5/RN

=> s l8 or l9

3 L8
 63 L9
 L11 66 L8 OR L9

=> file registry

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

FULL ESTIMATED COST

ENTRY
12.42

SESSION
624.43

FILE 'REGISTRY' ENTERED AT 15:13:26 ON 28 JUN 2010
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STRUCTURE FILE UPDATES: 27 JUN 2010 HIGHEST RN 1228427-89-1
DICTIONARY FILE UPDATES: 27 JUN 2010 HIGHEST RN 1228427-89-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 8, 2010.

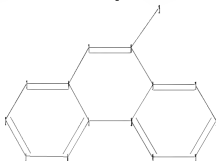
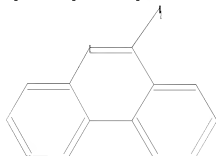
Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

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Uploading C:\Program Files\Stnexp\Queries\10531594_genus1a.str



chain nodes :

15

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14

chain bonds :

8-15

ring bonds :

1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10 9-11 10-14 11-12 12-13
13-14

exact/norm bonds :

8-15

normalized bonds :

1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10 9-11 10-14 11-12 12-13
13-14

isolated ring systems :

containing 1 :

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1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS
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 \Rightarrow

15 16 17 18 19 20 21 22 23 24 25

1	2	3	4	5	6	7	8	9	10	11	12	13	14
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8-15 15-16 16-17 16-18 17-19 19-20 20-21 21-22 21-24 22-23 24-25

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13-14

8-15 15-16

16-17 16-18 17-19 19-20 20-21 21-22 21-24 22-23 24-25

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13-14

containing 1 :

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11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS
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=> s 112 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 191.05 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 15:14:01 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 3604 TO ITERATE

100.0% PROCESSED 3604 ITERATIONS 56 ANSWERS
SEARCH TIME: 00.00.01

L14 56 SEA SSS FUL L12

=> s l13 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 191.05 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 15:14:08 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 10 TO ITERATE

100.0% PROCESSED 10 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L15 0 SEA SSS FUL L13

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	383.08	1007.51

FILE 'CAPLUS' ENTERED AT 15:14:23 ON 28 JUN 2010
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FILE COVERS 1907 - 28 Jun 2010 VOL 153 ISS 1
FILE LAST UPDATED: 27 Jun 2010 (20100627/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2010
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2010

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2010.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l14

L16 49 L14

=> s l16 and ad<20031020

4764768 AD<20031020

(AD<20031020)

L17 4 L16 AND AD<20031020

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=> d l18 1-4 ibib abs hitstr

L18 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2007:151082 CAPLUS

DOCUMENT NUMBER: 146:198645

TITLE: Screening molecules with anti-prion activity in
 Saccharomyces and uses in treating neurodegenerative
 diseases

INVENTOR(S): Blondel, Marc; Cullin, Christophe; Vierfond, Jean
 Michel; Bertolotti, Anne; Bach, Stephane; Talarek,
 Nicolas; Mettey, Yvette

PATENT ASSIGNEE(S): Centre National de la Recherche Scientifique (CNRS),
 Fr.; Universite Victor Segalen Bordeaux 2; Universite
 de Poitiers

SOURCE: U.S. Pat. Appl. Publ., 22pp., Cont.-in-part of U.S.
 Ser. No. 531,594.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

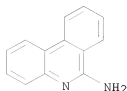
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20070031821	A1	20070208	US 2006-483822	20060711
FR 2846008	A1	20040423	FR 2002-13022	20021018 <--
FR 2846008	B1	20060602		
FR 2846009	A1	20040423	FR 2003-8289	20030707 <--
FR 2846009	B1	20071012		
WO 2004035813	A2	20040429	WO 2003-FR3101	20031020
WO 2004035813	A3	20040715		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE,				
GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK,				
LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ,				
OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,				
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,				
KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,				
FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,				
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 20060172337	A1	20060803	US 2005-531594	20051120
PRIORITY APPLN. INFO.:				
			FR 2002-13022	A 20021018
			FR 2003-8289	A 20030707
			WO 2003-FR3101	W 20031020
			US 2005-531594	A2 20051120

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

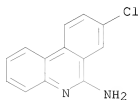
OTHER SOURCE(S): MARPAT 146:198645

AB A kit and a method for identifying compds. having anti-prion activity are
 provided. The kit comprises a yeast of phenotype [PSI+]; an antibiogram;
 and a prion curing agent in a sub-ED, wherein the yeast has the adel-14
 allele of the ADEL gene and an inactivated ERG6 gene. Compds. and
 pharmaceutical compns. having anti-prion activity are also provided, which
 are useful for treating various neurodegenerative diseases, including
 polyglutamines expansion associated diseases; Huntington's disease; Kennedy
 disease; amyotrophic lateral sclerosis; cerebellous autosomic ataxias;
 dentatorubral-pallidolusian atrophy; and spino-bulbar amyotrophy.
 Synergy of action between guanidium chloride and phenanthridine,

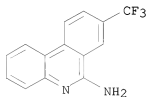
kastellpaolitines or 6-aminophenanthridine was observed
IT 832-68-8, 6-Aminophenanthridine 651055-79-7
651055-83-3
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL
(Biological study); USES (Uses)
(screening mols. with anti-prion activity in Saccharomyces and uses in
treating neurodegenerative diseases)
RN 832-68-8 CAPLUS
CN 6-Phenanthridinamine (CA INDEX NAME)



RN 651055-79-7 CAPLUS
CN 6-Phenanthridinamine, 8-chloro- (CA INDEX NAME)



RN 651055-83-3 CAPLUS
CN 6-Phenanthridinamine, 8-(trifluoromethyl)- (CA INDEX NAME)



L18 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2004:20857 CAPLUS
DOCUMENT NUMBER: 140:92609
TITLE: Allergic disease diagnosis and drug screening with
NOR-1 (MINOR) receptor
INVENTOR(S): Hashida, Ryoichi; Kagaya, Shinji; Yayoi, Yoshihiro;
Sugita, Yuji; Saito, Hirohisa
PATENT ASSIGNEE(S): Genox Research, Inc., Japan; Japan as Represented by
the General Director of Agency of the National Center
for Child Health and Development
SOURCE: PCT Int. Appl., 155 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004003198	A1	20040108	WO 2003-JP8199	20030627 <--
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2003246102	A1	20040119	AU 2003-246102	20030627 <--
US 20040214192	A1	20041028	US 2003-608863	20030627 <--
US 7115373	B2	20061003		

PRIORITY APPLN. INFO.:

JP 2002-188490	A	20020627
WO 2003-JP8199	W	20030627

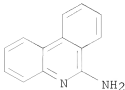
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB Diagnosis of allergic diseases by measuring the expression level of nuclear receptor NOR-1 (neuron derived orphan receptor) or its encoding gene and use of NOR-1 (MINOR) receptor for screening of ligands usable as anti-allergic agents, are disclosed. Use of NOR-1 (MINOR) receptor for inducing apoptosis is also claimed. Using differential display method, a gene showing significantly increased expression in eosinophils of a patient in the remission state of atopic dermatitis accompanied by a decrease in eosinophils was successfully identified. It was found that this gene coded for NOR-1 (MINOR) receptor and is usable in diagnosis of and screening drug candidates for allergic diseases. A high throughput screening system constructed from modified mammalian two-hybrid screening was used to screen ligands for the NOR-1 (MINOR) receptor. Prostaglandin (PGA) derivs. having cyclopentanone structure were identified as ligands and from the studies with ligand binding domain (LBD) deletion mutant of the receptor, actual effect of those compds. on the receptor was confirmed. Utilizing pharmacophore modeling, simulation of PGA derivative binding site for NOR-1 (MINOR) receptor was carried out and compds. capable of binding to the receptor binding pocket were selected. It was also found that NOR-1 expression was dramatically induced in peripheral blood eosinophils upon apoptosis stimulation with anti-CD30 antibodies having agonist activity toward CD30.

IT 832-68-8, 6-Phenanthridinamine
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (allergic disease diagnosis and drug screening with NOR-1 (MINOR) receptor)

RN 832-68-8 CAPLUS

CN 6-Phenanthridinamine (CA INDEX NAME)



OS.CITING REF COUNT:	1	THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
REFERENCE COUNT:	7	THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1995:416192 CAPLUS

DOCUMENT NUMBER: 122:187249

ORIGINAL REFERENCE NO.: 122:34295a,34298a

TITLE: Preparation of 2-phenanthridinylcarbapenems as antibacterial agents

INVENTOR(S): Dininno, Frank P.; Greenlee, Mark L.; Rano, Thomas A.; Lee, Wendy

PATENT ASSIGNEE(S): Merck and Co., Inc., USA

SOURCE: PCT Int. Appl., 115 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

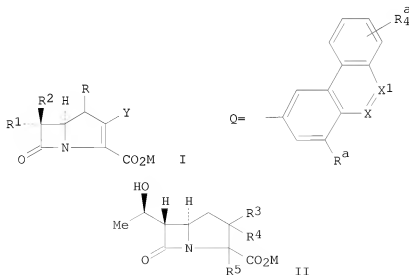
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 5336674	A	19940809	US 1993-9626	19930127 <--
CA 2154276	A1	19940804	CA 1994-2154276	19940103 <--
AU 9459902	A	19940815	AU 1994-59902	19940103 <--
EP 682666	A1	19951122	EP 1994-906014	19940103 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
JP 08505874	T	19960625	JP 1994-517039	19940103 <--
PRIORITY APPLN. INFO.:			US 1993-9626	A 19930127
			WO 1994-US85	W 19940103

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 122:187249

GI



AB Title compds. [I; M = H, alkali metal, neg. charge, etc.; .; R = H, Me; R1,R2 = H, Me, Et, CH2OH, MeCH(OH), etc.; .; Y = phenanthridinyl group Q; 1 of Ra = H and the others = H, CF3, halo, (un)substituted alkoxy; 1 of X,X1 = N+Rdm and the other = CRc; Rc = H, (un)substituted alkyl(oxy), NH2, etc.; .; Rd = H, NH2, O-, alkyl, etc.; .; m = 0 or 1] were prepared as antibacterial agents (no data). Thus, oxopenamcarboxylate II [M = CH2C6H4(NO2)-4, R3R4 = O, R5 = H] was condensed with Me3SnQ CF3SO3- (Ra = H, X = N+Me, X1 = CH) and the product hydrogenolized to give II (M = neg. charge, R3 = Q, R4R5 = bond, Ra = H, X = N+Me, X1 = CH).

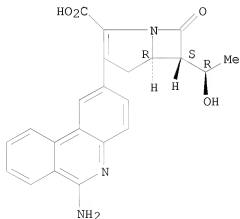
IT 161547-28-0P 161548-17-0P 161549-06-0P
161549-95-7P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of phenanthridinylcarbapenems as antibacterial agents)

RN 161547-28-0 CAPLUS

CN 1-Azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid,
3-(6-amino-2-phenanthridinyl)-6-(1-hydroxyethyl)-7-oxo-,
[5R-[5 α ,6 α (R*)]]- (9CI) (CA INDEX NAME)

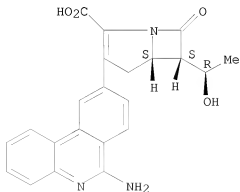
Absolute stereochemistry.



RN 161548-17-0 CAPLUS

CN 1-Azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid,
3-(6-amino-9-phenanthridinyl)-6-(1-hydroxyethyl)-7-oxo-,
[5S-[5 α ,6 β (S*)]]- (9CI) (CA INDEX NAME)

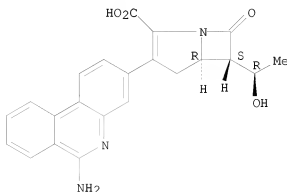
Absolute stereochemistry.



RN 161549-06-0 CAPLUS

CN 1-Azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid,
3-(6-amino-3-phenanthridinyl)-6-(1-hydroxyethyl)-7-oxo-,
[5R-[5 α ,6 α (R*)]]- (9CI) (CA INDEX NAME)

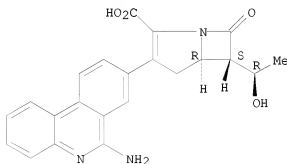
Absolute stereochemistry.



RN 161549-95-7 CAPLUS

CN 1-Azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid,
3-(6-amino-8-phenanthridinyl)-6-(1-hydroxyethyl)-7-oxo-,
[5R-[5 α ,6 α (R*)]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 11 THERE ARE 11 CAPLUS RECORDS THAT CITE THIS
RECORD (14 CITINGS)
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2010 ACS ON SIN
ACCESSION NUMBER: 1939:22099 CAPLUS
DOCUMENT NUMBER: 33:22099
ORIGINAL REFERENCE NO.: 33:3173a-d
TITLE: Picrylamino compounds; diazelines
INVENTOR(S): Morgan, Gilbert T.; Stewart, Jessie
DOCUMENT TYPE: Patent
LANGUAGE: Unavailable
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 496258		19381128	GB 1937-18527	19370703 <--

AB Picrylamino, compds. are prepared by condensing picryl chloride (I) or an alkyl derivative thereof, e. g., methyl- and dimethyl-picryl chlorides, with a

compound containing a tertiary cyclic N atom and an adjacent amino group, e.

9.,

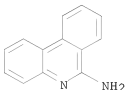
2-aminopyridine (II), 2-aminoquinoline, 1-aminoisoquinoline, 9-aminophenanthridine and their homologs. By cautious heating, preferably in the presence of PhOH, dimethylaniline, etc., ring closure takes place with formation of dinitro-1,3-diazalines, from which 1,3-diazalines may be obtained by reduction and elimination of the amino groups formed. The products are useful as intermediates for the manufacture of dyes and drugs. Among examples, (1) I is heated in C₆H₆ solution with II to give N-picryl-2-aminopyridine; when PhMe is used as solvent, ring closure takes place with formation of 1,2-pyrido-7,9-dinitro-4,5-benzo-1,3-diazaline, (2) by heating the diazaline of (1) with an aqueous solution of Na polysulfide, 1,2-pyrido-7,9- or -9,7-nitroamino-4,5-benzo-1,3-diazaline is produced; when H is used as reducing agent under an initial pressure of 5 atmospheric and in the presence of Pt oxide, 1,2-pyrido-7,9-diamino-4,5-benzo-1,3-diazaline (III) is produced while at H pressures maintained at 8-10 atmospheric tetrahydro-III results.

IT 832-68-8, Phenanthridine, 6-amino-

(ring closure of derivs. of)

RN 832-68-8 CAPLUS

CN 6-Phenanthridinamine (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
(1 CITINGS)

=> file registry

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION

FULL ESTIMATED COST

27.55	1035.06
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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION

CA SUBSCRIBER PRICE

-3.40	-3.40
-------	-------

FILE 'REGISTRY' ENTERED AT 15:17:04 ON 28 JUN 2010

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Property values tagged with IC are from the ZIC/VINITI data file
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STRUCTURE FILE UPDATES: 27 JUN 2010 HIGHEST RN 1228427-89-1

DICTIONARY FILE UPDATES: 27 JUN 2010 HIGHEST RN 1228427-89-1

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TSCA INFORMATION NOW CURRENT THROUGH January 8, 2010.

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> s 832-68-8/rn

L19 1 832-68-8/RN

=> d 119

L19 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2010 ACS on STN

RN 832-68-8 REGISTRY

ED Entered STN: 16 Nov 1984

CN 6-Phenanthridinamine (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Phenanthridine, 6-amino- (6CI, 7CI, 8CI)

OTHER NAMES:

CN 6-Aminophenanthridine

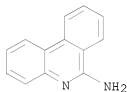
MF C13 H10 N2

CI COM

LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMCATS, RTECS*,

TOXCENTER, USPAT2, USPATFULL

(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

32 REFERENCES IN FILE CA (1907 TO DATE)

34 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

2.59

1037.65

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

0.00

-3.40

FILE 'CAPLUS' ENTERED AT 15:17:16 ON 28 JUN 2010

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FILE COVERS 1907 - 28 Jun 2010 VOL 153 ISS 1
FILE LAST UPDATED: 27 Jun 2010 (20100627/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2010
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2010

CAPLUS now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2010.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l19
L20 34 L19
=> s l20 and ad<20031020
4764768 AD<20031020
(AD<20031020)
L21 3 L20 AND AD<20031020

=> d l21 1-3 ibib abs

L21 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2007:151082 CAPLUS
DOCUMENT NUMBER: 146:198645
TITLE: Screening molecules with anti-prion activity in
Saccharomyces and uses in treating neurodegenerative
diseases
INVENTOR(S): Blondel, Marc; Cullin, Christophe; Vierfond, Jean
Michel; Bertolotti, Anne; Bach, Stephane; Talarek,
Nicolas; Mettey, Yvette
PATENT ASSIGNEE(S): Centre National de la Recherche Scientifique (CNRS),
Fr.; Universite Victor Segalen Bordeaux 2; Universite
de Poitiers
SOURCE: U.S. Pat. Appl. Publ., 22pp., Cont.-in-part of U.S.
Ser. No. 531,594.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20070031821	A1	20070208	US 2006-483822	20060711
FR 2846008	A1	20040423	FR 2002-13022	20021018 <--
FR 2846008	B1	20060602		
FR 2846009	A1	20040423	FR 2003-8289	20030707 <--
FR 2846009	B1	20071012		
WO 2004035813	A2	20040429	WO 2003-FR3101	20031020
WO 2004035813	A3	20040715		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,

CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE,
 GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK,
 LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ,
 OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
 TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
 FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 US 20060172337 A1 20060803 US 2005-531594 20051120
 PRIORITY APPLN. INFO.: FR 2002-13022 A 20021018
 FR 2003-8289 A 20030707
 WO 2003-FR3101 W 20031020
 US 2005-531594 A2 20051120

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 146:198645

AB A kit and a method for identifying compds. having anti-prion activity are provided. The kit comprises a yeast of phenotype [PSI+]; an antibiogram; and a prion curing agent in a sub-ED, wherein the yeast has the adel-14 allele of the ADEL gene and an inactivated ERG6 gene. Compds. and pharmaceutical compns. having anti-prion activity are also provided, which are useful for treating various neurodegenerative diseases, including polyglutamines expansion associated diseases; Huntington's disease; Kennedy disease; amyotrophic lateral sclerosis; cerebellous autosomic ataxias; dentatorubral-pallidolusian atrophy; and spino-bulbar amyotrophy. Synergy of action between guanidium chloride and phenanthridine, kastellipoolitines or 6-aminophenanthridine was observed

L21 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2010 ACS ON STN

ACCESSION NUMBER: 2004:20857 CAPLUS

DOCUMENT NUMBER: 140:92609

TITLE: Allergic disease diagnosis and drug screening with NOR-1 (MINOR) receptor

INVENTOR(S): Hashida, Ryoichi; Kagaya, Shinji; Yayoi, Yoshihiro; Sugita, Yuji; Saito, Hirohisa

PATENT ASSIGNEE(S): Genox Research, Inc., Japan; Japan as Represented by the General Director of Agency of the National Center for Child Health and Development

SOURCE: PCT Int. Appl., 155 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004003198	A1	20040108	WO 2003-JP8199	20030627 <--
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003246102	A1	20040119	AU 2003-246102	20030627 <--
US 20040214192	A1	20041028	US 2003-608863	20030627 <--
US 7115373	B2	20061003		
PRIORITY APPLN. INFO.:			JP 2002-188490	A 20020627

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB Diagnosis of allergic diseases by measuring the expression level of nuclear receptor NOR-1 (neuron derived orphan receptor) or its encoding gene and use of NOR-1 (MINOR) receptor for screening of ligands usable as anti-allergic agents, are disclosed. Use of NOR-1 (MINOR) receptor for inducing apoptosis is also claimed. Using differential display method, a gene showing significantly increased expression in eosinophils of a patient in the remission state of atopic dermatitis accompanied by a decrease in eosinophils was successfully identified. It was found that this gene coded for NOR-1 (MINOR) receptor and is usable in diagnosis of and screening drug candidates for allergic diseases. A high throughput screening system constructed from modified mammalian two-hybrid screening was used to screen ligands for the NOR-1 (MINOR) receptor. Prostaglandin (PGA) derivs. having cyclopentanone structure were identified as ligands and from the studies with ligand binding domain (LBD) deletion mutant of the receptor, actual effect of those compds. on the receptor was confirmed. Utilizing pharmacophore modeling, simulation of PGA derivative binding site for NOR-1 (MINOR) receptor was carried out and compds. capable of binding to the receptor binding pocket were selected. It was also found that NOR-1 expression was dramatically induced in peripheral blood eosinophils upon apoptosis stimulation with anti-CD30 antibodies having agonist activity toward CD30.

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
(1 CITINGS)
REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2010 ACS ON SIN

ACCESSION NUMBER: 1939:22099 CAPLUS
DOCUMENT NUMBER: 33:22099
ORIGINAL REFERENCE NO.: 33:3173a-d
TITLE: Picrylamino compounds; diazelines
INVENTOR(S): Morgan, Gilbert T.; Stewart, Jessie
DOCUMENT TYPE: Patent
LANGUAGE: Unavailable
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 496258		19381128	GB 1937-18527	19370703 <--

AB Picrylamino, compds. are prepared by condensing picryl chloride (I) or an alkyl derivative thereof, e. g., methyl- and dimethyl-picryl chlorides, with a compound containing a tertiary cyclic N atom and an adjacent amino group, e.

9., 2-aminopyridine (II), 2-aminoquinoline, 1-aminoisoquinoline, 9-aminophenanthridine and their homologs. By cautious heating, preferably in the presence of PhOH, dimethylaniline, etc., ring closure takes place with formation of dinitro-1,3-diazalines, from which 1,3-diazalines may be obtained by reduction and elimination of the amino groups formed. The products are useful as intermediates for the manufacture of dyes and drugs. Among examples, (1) I is heated in C6H6 solution with II to give N-picryl-2-aminopyridine; when PhMe is used as solvent, ring closure takes place with formation of 1,2-pyrido-7,9-dinitro-4,5-benzo-1,3-diazaline, (2) by heating the diazaline of (1) with an aqueous solution of Na polysulfide, 1,2-pyrido-7,9- or -9,7-nitroamino-4,5-benzo-1,3-diazaline is produced; when H is used as reducing agent under an initial pressure of 5 atmospheric and in the presence of Pt oxide, 1,2-pyrido-7,9-diamino-4,5-benzo-1,3-diazaline (III) is produced while at H pressures maintained at 8-10 atmospheric tetrahydro-III results.

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD

(1 CITINGS)

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(FILE 'HOME' ENTERED AT 15:01:44 ON 28 JUN 2010)

FILE 'REGISTRY' ENTERED AT 15:01:57 ON 28 JUN 2010

L1 STRUCTURE UPLOADED
L2 STRUCTURE UPLOADED
L3 STRUCTURE UPLOADED
L4 3 S L1 SSS
L5 0 S L2 SSS
L6 0 S L3 SSS
L7 0 S L3 FULL
L8 14 S L2 FULL
L9 128 S L1 FULL

FILE 'CAPLUS' ENTERED AT 15:05:36 ON 28 JUN 2010

L10 1 S 313830-96-5/RN
L11 66 S L8 OR L9

FILE 'REGISTRY' ENTERED AT 15:13:26 ON 28 JUN 2010

L12 STRUCTURE UPLOADED
L13 STRUCTURE UPLOADED
L14 56 S L12 FULL
L15 0 S L13 FULL

FILE 'CAPLUS' ENTERED AT 15:14:23 ON 28 JUN 2010

L16 49 S L14
L17 4 S L16 AND AD<20031020
L18 4 DUP REM L17 (0 DUPLICATES REMOVED)

FILE 'REGISTRY' ENTERED AT 15:17:04 ON 28 JUN 2010

L19 1 S 832-68-8/RN

FILE 'CAPLUS' ENTERED AT 15:17:16 ON 28 JUN 2010

L20 34 S L19
L21 3 S L20 AND AD<20031020

=> file medline embase biosis

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	12.11	1049.76
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-2.55	-5.95

FILE 'MEDLINE' ENTERED AT 15:18:08 ON 28 JUN 2010

FILE 'EMBASE' ENTERED AT 15:18:08 ON 28 JUN 2010
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FILE 'BIOSIS' ENTERED AT 15:18:08 ON 28 JUN 2010
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=> s l19 or l19<chem>

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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
FULL ESTIMATED COST	ENTRY	SESSION
	3.33	1053.09
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
	0.00	-5.95

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 SET COMMAND COMPLETED

SEL L19 1- CHEM
 L22 SEL L19 1- CHEM : 3 TERMS

SET SMARTSELECT OFF
 SET COMMAND COMPLETED

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
FULL ESTIMATED COST	ENTRY	SESSION
	15.49	1068.58
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
	0.00	-5.95

FILE 'MEDLINE' ENTERED AT 15:18:17 ON 28 JUN 2010

FILE 'EMBASE' ENTERED AT 15:18:17 ON 28 JUN 2010
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FILE 'BIOSIS' ENTERED AT 15:18:17 ON 28 JUN 2010
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S L19 OR L22

L24 20 L19 OR L23

=> dup rem l24
 PROCESSING COMPLETED FOR L24
 L25 10 DUP REM L24 (10 DUPLICATES REMOVED)

=> s l25 and pd<20031020
 1 FILES SEARCHED...
 L26 2 L25 AND PD<20031020

=> d l26 1-2 ibib abs

L26 ANSWER 1 OF 2 MEDLINE on STN
 ACCESSION NUMBER: 2003410730 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 12910243
 TITLE: Isolation of drugs active against mammalian prions using a
 yeast-based screening assay.
 AUTHOR: Bach Stephane; Talarek Nicolas; Andrieu Thibault; Vierfond

Jean-Michel; Mettey Yvette; Galons Herve; Dormont
 Dominique; Meijer Laurent; Cullin Christophe; Blondel Marc
 C.N.R.S., Station Biologique, Cell Cycle Laboratory, place
 Georges Teissier, 29680 ROSCOFF, Bretagne, France.
 SOURCE: Nature biotechnology, (2003 Sep) Vol. 21, No. 9,
 pp. 1075-81. Electronic Publication: 2003-08-10.
 Journal code: 9604648. ISSN: 1087-0156. L-ISSN: 1087-0156.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: (EVALUATION STUDIES)
 Journal; Article; (JOURNAL ARTICLE)
 (RESEARCH SUPPORT, NON-U.S. GOV'T)
 (VALIDATION STUDIES)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200405
 ENTRY DATE: Entered STN: 3 Sep 2003
 Last Updated on STN: 20 May 2004
 Entered Medline: 19 May 2004
 AB We have developed a rapid, yeast-based, two-step assay to screen for
 antiprion drugs. The method allowed us to identify several compounds
 effective against budding yeast prions responsible for the [PSI+] and
 [URE3] phenotypes. These inhibitors include the kastellpaolitines, a new
 class of compounds, and two previously known molecules, phenanthridine and
 6-aminophenanthridine. Two potent promoters of
 mammalian prion clearance in vitro, quinacrine and chlorpromazine, which
 share structural similarities with the kastellpaolitines, were also active
 in the assay. The compounds isolated here were also active in promoting
 mammalian prion clearance. These results validate the present method as
 an efficient high-throughput screening approach to identify new prion
 inhibitors and furthermore suggest that biochemical pathways controlling
 prion formation and/or maintenance are conserved from yeast to humans.
 L26 ANSWER 2 OF 2 EMBASE COPYRIGHT (c) 2010 Elsevier B.V. All rights
 reserved on STN
 ACCESSION NUMBER: 2005426975 EMBASE
 TITLE: Conference report - Spongiform encephalopathies: A tale of
 cannibals, cattle, and prions.
 AUTHOR: Mariani, Sara M.
 SOURCE: MedGenMed Medscape General Medicine, (2003) Vol.
 5, No. 3.
 Refs: 36
 CODEN: MMGMCE
 COUNTRY: United States
 DOCUMENT TYPE: Journal; Conference Article; (Conference paper)
 FILE SEGMENT: 017 Public Health, Social Medicine and Epidemiology
 030 Clinical and Experimental Pharmacology
 037 Drug Literature Index
 038 Adverse Reactions Titles
 004 Microbiology: Bacteriology, Mycology, Parasitology
 and Virology
 008 Neurology and Neurosurgery
 LANGUAGE: English
 ENTRY DATE: Entered STN: 20 Oct 2005
 Last Updated on STN: 20 Oct 2005

=> d his

(FILE 'HOME' ENTERED AT 15:01:44 ON 28 JUN 2010)

FILE 'REGISTRY' ENTERED AT 15:01:57 ON 28 JUN 2010

L1 STRUCTURE UPLOADED

```

L2          STRUCTURE UPLOADED
L3          STRUCTURE UPLOADED
L4          3 S L1 SSS
L5          0 S L2 SSS
L6          0 S L3 SSS
L7          0 S L3 FULL
L8          14 S L2 FULL
L9          128 S L1 FULL

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FILE 'CAPLUS' ENTERED AT 15:05:36 ON 28 JUN 2010

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L10         1 S 313830-96-5/RN
L11         66 S L8 OR L9

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FILE 'REGISTRY' ENTERED AT 15:13:26 ON 28 JUN 2010

```

L12         STRUCTURE UPLOADED
L13         STRUCTURE UPLOADED
L14         56 S L12 FULL
L15         0 S L13 FULL

```

FILE 'CAPLUS' ENTERED AT 15:14:23 ON 28 JUN 2010

```

L16         49 S L14
L17         4 S L16 AND AD<20031020
L18         4 DUP REM L17 (0 DUPLICATES REMOVED)

```

FILE 'REGISTRY' ENTERED AT 15:17:04 ON 28 JUN 2010

```

L19         1 S 832-68-8/RN

```

FILE 'CAPLUS' ENTERED AT 15:17:16 ON 28 JUN 2010

```

L20         34 S L19
L21         3 S L20 AND AD<20031020

```

FILE 'MEDLINE, EMBASE, BIOSIS' ENTERED AT 15:18:08 ON 28 JUN 2010

FILE 'REGISTRY' ENTERED AT 15:18:16 ON 28 JUN 2010

```

L22         SET SMARTSELECT ON
            SEL L19 1- CHEM :      3 TERMS
            SET SMARTSELECT OFF

```

FILE 'MEDLINE, EMBASE, BIOSIS' ENTERED AT 15:18:17 ON 28 JUN 2010

```

L23         20 S L22
L24         20 S L19 OR L23
L25         10 DUP REM L24 (10 DUPLICATES REMOVED)
L26         2 S L25 AND PD<20031020

```

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

7.89

1076.47

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

0.00

-5.95

STN INTERNATIONAL LOGOFF AT 15:20:01 ON 28 JUN 2010